



# TEST REPORT

**Report No.**..... : WTX24X11277726C  
**Applicant**..... : Lumi United Technology Co., Ltd  
**Address**..... : Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370,  
Liuxian Avenue, Fuguang Community, Taoyuan Residential District,  
Nanshan District, Shenzhen, China  
**Manufacturer**..... : Same as Applicant  
**Address**..... : Same as Applicant  
**Sample Name**..... : Hub M100  
**Model No.** ..... : HM-G02E  
**Reference Model No.** ..... : HM-G02D  
**Brand**..... : Aqara  
**Test Requested**..... : Determination of Hexabromocyclododecane (HBCDD) and short-chain  
chlorinated paraffins (SCCP) content in submitted sample in  
accordance with European regulation (EU) 2019/1021.  
**Test Conclusion**..... : **Pass**  
**Date of Receipt sample**..... : 2024-12-16  
**Testing period**..... : 2024-12-16 ~ 2024-12-24  
**Date of Issue**..... : 2024-12-24  
**Test Result**..... : Refer to next page (s)

**Prepared By:**

**Waltek Testing Group (Shenzhen) Co., Ltd.**

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Signed for and on behalf of  
Waltek Testing Group (Shenzhen) Co., Ltd.

*Hugo Chen*

Hugo.CHen

Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>



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**Test Results :**

**POPs - Hexabromocyclododecane (HBCDD) and Short-chain chlorinated paraffins (SCCP) content**

Test method: In-house method (solvent extraction)

Instrument used for analysis: GC-MS

Test Item(s)	Result (mg/kg)			Limit (mg/kg)
	No.1	No.5	No.(10+11)	
Hexabromocyclododecane (HBCDD)	ND	ND	ND	75
Short-chain chlorinated paraffins (SCCP)	ND	ND	ND	1500
Comment	PASS	PASS	PASS	--

Test Item(s)	Result (mg/kg)			Limit (mg/kg)
	No.(2+3+4)	No.(6+7)	No.(8+9)	
Hexabromocyclododecane (HBCDD)	ND	ND	ND	75
Short-chain chlorinated paraffins (SCCP)	ND	ND	ND	1500
Comment	PASS	PASS	PASS	--

Test Item(s)	Result (mg/kg)		Limit (mg/kg)
	No.(12+13+14)	No.(15+16+17)	
Hexabromocyclododecane (HBCDD)	ND	ND	75
Short-chain chlorinated paraffins (SCCP)	ND	ND	1500
Comment	PASS	PASS	--

Test Item(s)	Result (mg/kg)			Limit (mg/kg)
	No.(18+19+20)	No.(21+22)	No.(23+24)	
Hexabromocyclododecane (HBCDD)	ND	ND	ND	75
Short-chain chlorinated paraffins (SCCP)	ND	ND	ND	1500
Comment	PASS	PASS	PASS	--

**Note:**

- mg/kg = ppm = milligram per kilogram.
- Method Detection Limit (MDL) , the MDL for HBCDD was 10 mg/kg and 50mg/kg for SCCP.
- ND = Not detected(less than method detection limit).





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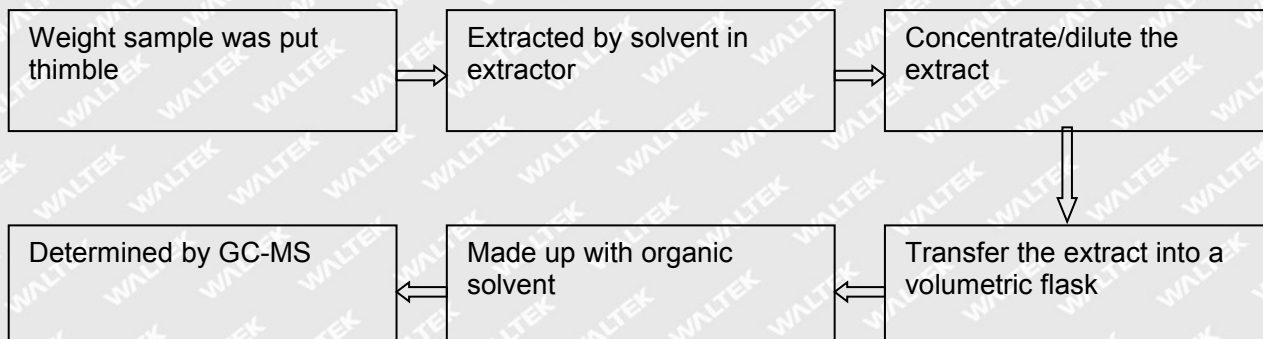
Tested parts description(Photograph of parts tested):

No.	Sample Description
1	White plastic
2	White plastic shell
3	White plastic
4	Transparent plastic label w/gray printing
5	White rubber ring
6	White plastic
7	Translucent plastic filling
8	Black plastic wire jacket
9	Red plastic wire jacket
10	White plastic wire jacket
11	Green plastic wire jacket
12	Black IC SMD
13	Black IC SMD
14	Black IC SMD
15	Green cladding PCB board
16	Gray solid material (Inductance)
17	Black IC SMD
18	Brown capacitor SMD
19	Black IC SMD
20	Black cladding PCB board (Test as a whole)
21	Black plastic button (switch)
22	Black plastic base (switch)
23	Black triode SMD
24	Black diode SMD



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**Testing Flow chart:**



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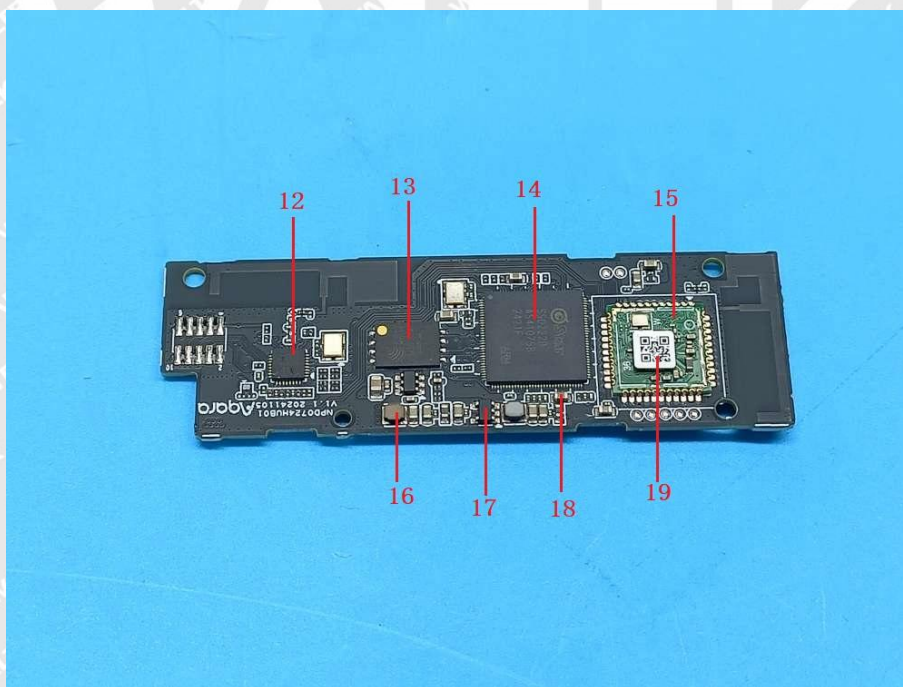
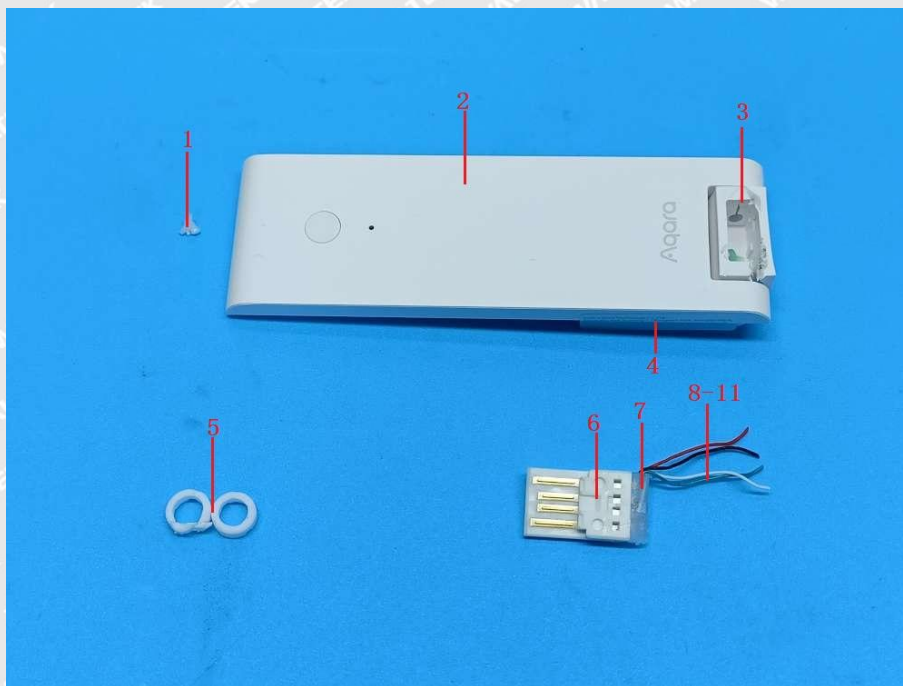
Sample Photo :





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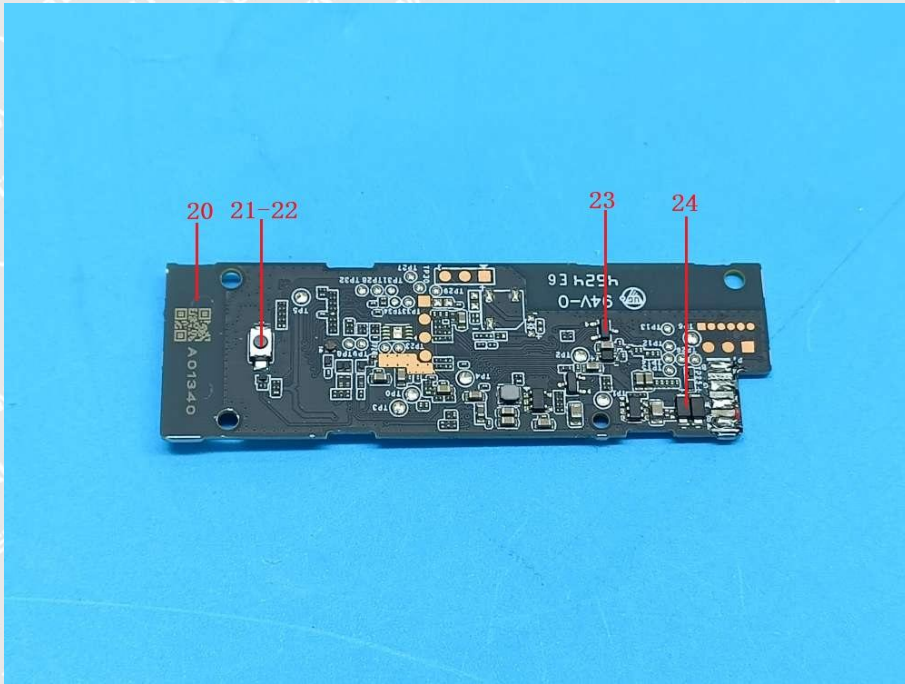
Photograph of parts tested :







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===== End of Report =====

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